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添付公開書類:
— 国際調査報告書

2文字コード及び他の略語については、定期発行される各PCTガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。

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(54) Title: METHOD OF ASSAYING GLYCOPROTEIN

(54) 発明の名称: 糖化蛋白質の測定方法

(57) Abstract: A novel method of accurately assaying a glycoprotein by a simple procedure within a short period of time on the basis of a principle different from the existing enzymatic method. A method of assaying a glycoprotein in a sample which comprises treating the sample containing the glycoprotein with a protease, thus releasing glycopeptides (preferably α -glycopeptides and still preferably α -glycodipeptides) from the glycoprotein, treating these released glycopeptides with an oxidase, and assaying the hydrogen peroxide thus formed; and an assay reagent kit to be used in the enzymatic method.

(57) 要約:

既存の酵素的方法とは異なる原理に基づく、簡単な操作で、短時間でしかも精度よく糖化蛋白質を測定する新規な方法を提供する。

糖化蛋白質を含む試料をプロテアーゼで処理し、糖化蛋白質から糖化ペプチド、好ましくは α -糖化ペプチド、特に好ましくは α -糖化ジペプチドを遊離させ、これらの遊離した糖化ペプチドにオキシダーゼを作用させ、生成する過酸化水素を測定することにより、試料中の糖化蛋白質を測定する方法、および酵素的方法に用いる測定用試薬キットである。

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/13548

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ C12P21/02, C12N9/24, C12Q1/34, G01N33/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ C12P21/02, C12N9/24, C12Q1/34, G01N33/68

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
MEDLINE, BIOSIS/WPI (DIALOG), SwissProt/PIR/GeneSeq

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2001-54398 A (Asahi Chemical Industry Co., Ltd.), 27 February, 2001 (27.02.01), (Family: none)	1-8
A	JP 11-155579 A (Kikkoman Corp.), 15 June, 1999 (15.06.99), (Family: none)	1-8
A	JP 2001-955598 A (Kikkoman Corp.), 10 April, 2001 (10.04.01), & WO 01/245475 A1 (Family: none) 2001-095598 WO 01/25475	1-8

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Japanese Patent Office

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